

PATENT ABSTRACTS OF JAPAN

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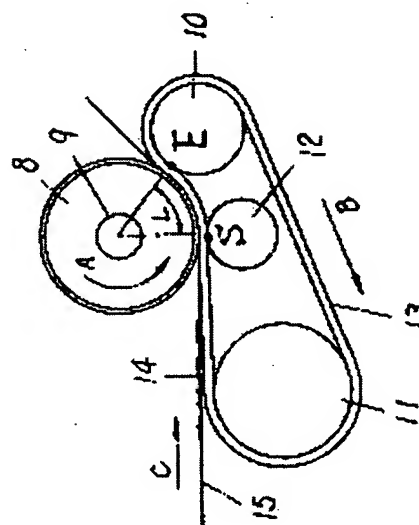
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(54) FIXING DEVICE

(57)Abstract:

PURPOSE: To run photosensitive paper stably by winding an endless belt around a fixing roller by a prescribed angle through plural rollers, and bringing the endless belt into press contact with the fixing roller at the start and end of winding.

CONSTITUTION: Shafts of respective rollers are positions so that the endless belt 13 is extended among a driving roller 10, driven roller 11, and auxiliary roller 12 and wound around the fixing roller 8 by a center angle L. For the purpose, the auxiliary roller 12 and driving roller 10 are so positioned that the endless belt 13 comes into press contact with the fixing roller 8 at a point S where the endless belt 13 begins to be wound around the fixing roller 8 and at a winding end point E. The photosensitive paper 15 is conveyed as shown by an arrow C to perform stable fixation between the points S and E with the heat of a heat source 9 and the pressure of the endless belt 12, and then discharged from the device. Consequently, the running of the photosensitive paper is stabilized and sufficient fixing strength is obtained.



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